

USAID/East Africa, REGI Program,

EMP Part 1 of 3: Environmental Verification Form

USAID/East Africa, REGI Program, Award

Funding Period for this award: **FY_FY14-18**__

Name __**CAFEC TNS**

Current FY Resource Levels: **FY17 1.099M**__

Name of Prime Implementing

This report prepared by:

Organization: __**WCS**__

Name **Omari Ilambu** Date: **22/04/2018**__

Name of Sub-awardee Organization (if this EMP is for a sub): _____

Date of Previous EMP for this organization:

__**N/A**__ (if any)

Geographic location of USAID-funded activities (Province, District): __**SANGHA**__

Date of Screening: _____

IEE File Name: **CARPE PHASE III_IEE**

Environmental Threshold Determination:

Indicate which activities your organization is implementing under this funding.

Key Elements of Program/Activities Implemented		Yes	No
1	<ul style="list-style-type: none">• education, technical assistance or training programs• analyses, studies, academic or research workshops and meetings;• document and information transfers;• Nutrition, REGI care, or family planning services except to the extent designed to include activities directly affecting the environment (such as construction of facilities, water supply systems, and waste water treatment).		
2	Construction and renovation of facilities	Y	
3	Water Supply and Sanitation		N
4	Improved agricultural production involving seeds supply	Y	
5	Agricultural research likely to involve GMOs and biotechnology products		N

6	Development Credit Authority (DCA)		
5	Sub grant activities or sub awards or including microfinance or Small and Medium Enterprises (SMEs) or Business Development Services (BDS)	Y	

USAID/East Africa, REGI Program,

Condition	Specific mitigation actions to implement the condition	Person in Charge	Performance Monitoring Indicator	Means of Verification	Responsible party & Timing
Private and Community-based Management Initiatives					
Support empowerment of local communities to manage their fishing/hunting grounds	<ol style="list-style-type: none"> Set minimum size limit for harvested fishes or quotas. Use bag limits. Use appropriate fishing/hunting gear. Choose the largest possible size of mesh in fishing nets. Close seasons during critical stages in fish life /reproduction cycles. Use mesh sizes that allow small and juvenile fish to escape. Use a square mesh, or a mesh with square windows, instead of a diamond-shaped mesh. (Diamond-shaped mesh constricts during towing.) Use a by-catch reduction device to allow large animals to escape from nets. Educate/Train fishermen/hunters on the long-term environmental and economic damage from using cyanide or dynamite on ecosystems and on environmental risk related to fishing. Promote regulations and community oversight to limit and monitor discharge into the 	<p>Fishing Activities Project Manager</p> <p>Director of Community Engagement</p>	<ul style="list-style-type: none"> Number and percentage of fishermen knowing, accepting and implementing best practices/management Plan/Mini-charter Number and percentage of nets not complying with net type, size and mesh size. Number and percentage of illegal fishing (from non-local, using toxic substances, fishing on spawning sites at the wrong season, etc..) Numbers and percentage of hunters respecting sustainable principles Hunting calendar exists 	<p>Report of awareness campaigns</p> <p>Module of training</p> <p>Reports on fishers/hunters surveys</p> <p>Site visit</p> <p>Hunting calendar</p>	<p>Fishing activities Project Manager</p> <p>Park Director of Community engagement</p> <p>Timing:</p> <p>Once a year</p>

Condition	Specific mitigation actions to implement the condition	Person in Charge	Performance Monitoring Indicator	Means of Verification	Responsible party & Timing
	environment				
4.1.3 Construction and rehabilitation of infrastructures (small scale constructions)					
Development Head Quarter Plan de Masse	Ensure the Plan de masse is based on sound knowledge of the area and environmental and social conditions (survey of site, identification of biodiversity and sensitives areas, minimize clearance of vegetation, avoid fragmentation, minimize the size of laydown areas and follow the USAID guideline for small scale construction: http://www.usaidgems.org/Sectors/construction.htm	Architect	Plan de Masse include best practices guidelines including avoiding sensitive areas, integrate solid and liquid waste management, high use of sustainably sourced material, etc..	Report, Site visit, Plan	Director of the Park and Director of Logistic Twice: – Presentation of the first draft and before validation of the plan de masse
Rehabilitation / - Solid Waste Management	Construction activities will be undertaken during the dry season and so the likelihood of surface runoff will be lower Contractor will ensure all the soil is compacted before commissioning any structure The proposed construction sites will not be too steep (site sloped at greater than 15 degrees) as to trigger massive erosion and the site is not on permanent or seasonal	Contractor	Absence of uncovered dirt pile on the site. Minimal soil erosion during construction Appropriate waste handling method established 0% erosion due to an inappropriate vegetation clearance. No excess of water runoff due to	Photographs Site visit. Site base information	Director of the Park and Director of Logistic Weekly site visit

Condition	Specific mitigation actions to implement the condition	Person in Charge	Performance Monitoring Indicator	Means of Verification	Responsible party & Timing
	<p>inundated areas</p> <p>The contractor will designate a waste storage at the site</p> <p>The Contractor will continue recycling waste generated from the site such as use of discarded materials for leveling of the ground and filling of trenches, etc</p> <p>Clearance of vegetation will be minimize</p> <p>Water collectors will be built on roads sides to avoid waters run offs</p>		<p>the construction.</p> <p>The chosen site is not in 30m of a permanent or seasonal stream and not too steep.</p>		
Rehabilitation / - Sourcing of materials	<p>Ecologically safe building materials will be sourced</p> <p>All materials will be procured from authorized sources.</p>	Contractor	100% material used are from authorized and ecologically safe construction materials source	<p>Project Reports and photos</p> <p>Site visit</p> <p>Procurement receipt</p>	<p>Director of logistic</p> <p>At purchase of material, when material arrive on site, at the end of construction</p>
Rehabilitation / - Occupational safety concerns arising from the construction activity	<p>WCS will ensure the contractor complies with the USAID Environmental Guidelines for Construction¹</p> <p>The contractor will provide PPEs including hardhats, footwear, dust mask , safety glasses and reflective vests</p> <p>Contractor will sensitize workers on the use of PPEs</p> <p>First aid kit will be provided and train selected workers on the use of</p>	Contractor Director of logistic	<p>Zero accident incidences/accidents at the site due to absence of PPE</p> <p>Use of PPE at the site</p> <p>Worker sensitized on site safety and PPE</p> <p>First Aid Kit, drinking water, latrine and handwashing station provided</p> <p>Workers don't suffer from drinking water related disease</p>	<p>Incidence, accident, diseases report book.</p> <p>Presence list for training</p> <p>Project report</p> <p>Site visit and photos of construction site</p>	<p>Director of the Park and Director of Logistic</p> <p>Weekly site visit</p> <p>In case of reported accident</p>

¹ ENCAP

Condition	Specific mitigation actions to implement the condition	Person in Charge	Performance Monitoring Indicator	Means of Verification	Responsible party & Timing
	<p>the kit on site prior to commencement of the work</p> <p>Contactore will provide drinking water, latrine and a handwashing station</p> <p>Contactore will mark the site boundaries and control access, put up safety signs</p> <p>Contactore will provide solid scaffolds which meet the criteria by USAID guidelines</p>		<p>during construction period.</p> <p>First aid Kit provided and available on site.</p> <p>Worker are trained on the first aid kit use</p> <p>Site boundaries marked, and access is limited to authorized person</p> <p>Workers provided with an appropriate scaffold</p>		
Creation of alternative financing mechanism					
Incorporate park revenues from tourism in investment and operating budgets of the park and the Development Village Fund	<ul style="list-style-type: none"> - Create a management plan for funds from tourism ensuring traceability and good accounting of funds. - Train the people involved in the management of these funds in basic accounting element - Involve the local community to the extent possible in the management of funds - Oversight of disbursement and use of FDV funds provided by tourism revenue 	<p>Park Director of Administration and Finance</p> <p>Park Director of Community engagement</p>	<p>100% of Funds used for the park from tourism are used as per the tourism fund management plan.</p> <p>100% of people involved in the tourism fund management are trained in basic accounting.</p> <p>Tourism fund management plan exists.</p>	<p>Financial report of park and FDV</p> <p>Reports of meeting and decision making process</p> <p>Fund management plan</p>	<p>Park Director of Administration and Finance</p> <p>Monthly</p>
Biomedical and veterinary research, screening and health care provision					
Support to Bomassa and Makao medical	Advocate to the State to organize Training of medical staff and departmental authorities in environmental risk related to the medical sector using USAID	<p>Departmental Direction of health</p> <p>Director of</p>	<p>Nurse and medical staff trained on environmental related risk to the health sector</p> <p>Waste management plan exists</p>	<p>Reports of site visit</p> <p>Photos</p>	<p>Director of of local community engagement</p> <p>Twice a year</p>

Condition	Specific mitigation actions to implement the condition	Person in Charge	Performance Monitoring Indicator	Means of Verification	Responsible party & Timing
centers	<p>guidelines on medical waste and Healthcare (Eg medical waste and supply management) and support them to develop</p> <p>1. Supply management plan</p> <p>Provide technical and logistical support for proper medical waste management</p> <p>http://www.usaidgems.org/Sectors/healthcareWaste.htm</p> <p>http://www.usaidgems.org/Sectors/healthcareFacilities.htm</p>	Local Community engagement	<p>Supply management plan exists</p> <p>A safe waste disposal facility is available (could be a furnace)</p> <p>Staff follows best practices/management plan – number of observation of breach of best practices</p>		
Pilot ecotourism activities					
Promote installation of high-end tourism operators	<p>Finalization of the Park management plan</p> <p>Precise zoning of tourism activities</p> <p>Operator is aware of minimal environmental requirements and compliance of government and park donor environmental policies</p>	Park Director	<p>An EIAS is mandatory to the installation of the tourism operator</p> <p>Management Plan is validated and include precise zoning of tourism activities</p> <p>Environmental compliance policies are shared with the operator</p>	<p>Management Plan</p> <p>Communication with the tourism operator (email)</p> <p>Site visit</p> <p>Photos</p>	<p>Park Director</p> <p>Trimestral site visit</p>
Feasibility test of community based tourism	<p>Communities are trained in environmental best practices as per USAID ecotourism guideline: http://www.usaidgems.org/Sectors/ecotourism.htm</p> <p>Training in health and safety including sourcing and waste management</p>	Park Director of Community engagement	<p>Number of people trained</p> <p>Training curriculae</p>	<p>Report of trainings</p> <p>Reports of meetings</p> <p>Report of site inspections if activities have started</p>	<p>Park Director of Community engagement</p> <p>Before and after training</p> <p>Site visit twice a year</p>
Development of Natural resources based enterprises for communities					
Scaling up the	Monitoring of hives locations	Park Director	Number and percentage of	Maps of hives and	Park Director of Community

Condition	Specific mitigation actions to implement the condition	Person in Charge	Performance Monitoring Indicator	Means of Verification	Responsible party & Timing
bee-keeping program	(mapping already in place in our program) Training in environmental best practices for bee-keepers Ensure sourcing of material from sustainable sources Control and prevent use of chemical (to combat pests) No pesticide can be use without prior approval of a SUAP (Safer Use Action Plan) by USAID. Provide support in health and safety, including hygiene in honey manipulation , transport and commercialization	of Community engagement	beekeepers using pesticides Number of people trained Number of training held No pesticide is used prior to the SUAP approval by USAID.	photos Training reports Training module Attendance sheet	engagement Before and after training Site visit twice a year

USAID/East Africa, REGI Program,

EMP part 3 of 3: Reporting form

List each Mitigation Measure from column 3 in the EMP Mitigation Plan (EMP Part 2 of 3)	Status of Mitigating Measures	List any outstanding issues relating to required conditions	Remarks

Certification

I certify the completeness and the accuracy of the mitigation and monitoring plan described above for which I am responsible and its compliance with the IEE:

Signature
22 Mars 2018_____
Date

Omari Ilambu

Print Name

WCS

Organization

BELOW THIS LINE FOR USAID USE ONLY

USAID/East Africa, REGI Program, Clearance of EMP:

Contracting/Agreement Officer Technical Representative: _____ Date: _____

Mission Environmental Officer: _____ Date: _____

As appropriate: REA, BEO [depending on nature of activity, which potentially may require an EA]

Note: if clearance is denied, comments must be provided to applicant